



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016



Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

European
Patent Office

Branch at
The Hague
Search
division

Office européen
d s brevets

Département à
La Haye
Division de la
recherche

Schultenkämper, Johannes
Alcatel,
Intellectual Property Department,
Stuttgart
70430 Stuttgart
ALLEMAGNE

Eingang bei ZPL
20. DEZ. 2002
Term. Bearb. 19.02.03 - We

Prüfungsantrag stellen

20/12/02

Ry

Datum/Date

19.12.02

Zeichen/Ref./Réf. 113698	Anmeldung Nr./Application No./Demande n°./Patent Nr./Patent No./Brevet n°. 02360241.0-2411-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire ALCATEL	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☐ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

4

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
A	US 2002/082020 A1 (CHOI HO-KYU ET AL) 27 June 2002 (2002-06-27) * abstract * * paragraphs '0051!-'0063! * ---	1-9	H04B7/005
A	EP 1 206 047 A (SAMSUNG ELECTRONICS CO LTD) 15 May 2002 (2002-05-15) * abstract * * paragraphs '0020!-'0029! * -----	1-9	
			TECHNICAL FIELDS SEARCHED (Int.CI.7)
			H04B H04Q
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 December 2002	Examiner Lustrini, D
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 36 0241

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-12-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002082020 A1	27-06-2002	AU 6954201 A	02-01-2002
		CN 1383635 T	04-12-2002
		EP 1206855 A1	22-05-2002
		WO 0199313 A1	27-12-2001
EP 1206047 A	15-05-2002	AU 1437102 A	21-05-2002
		EP 1206047 A2	15-05-2002
		WO 0239623 A1	16-05-2002
		US 2002115464 A1	22-08-2002